Wednesday, 1/23/2008 11:37:07 AM Customer Job Number **Estimate Number** P.O. Number This Issue Prsht Rev. First Issue Previous Run Written By Checked & Approved By Comment Job Number: Seq. #: 1.0

Process Sheet

Drawing Name

Part Number

Drawing Number

Project Number

: 36923 : 10058

: 1/23/2008

: NC

: 11

: 35618

Type

S.O. No. :

02.11.12

: CU-DAR001 Dart Helicopters Services

: PURCHASED PARTS

New Issue

Drawing Revision

KJ/RF

Material Due Date

1208/01/23

: 2/10/2008

: D2622120C

: N/A

: C1

· D2622 REV C1

: STEP EXTRUSION

Qty:

120 Um:

Each

Additional Product



A.

Machine Or Operation:

: Est.

Description:



PURCHASING



Comment: PURCHASING

Issue P/O:

a) Extrude as per Dwg D2622 Rev. C

- b) Material: 6061-T6 (QQ-A-200/8)
- c) Minimum yield tensile strength = 35 ksi
- d) Minimum ultimate tensile strength = 38 ksi
- e) Minimum elongation = 8%
- f) Order at 120" longg) Bon L Canada Inc. tool # 897123 Rev. A
- h) To be packed per DSK 066
- i) Pull test to ASTM standard B221 required.
- j) Material certification is required

2.0

3.0

D2622120CF

Extrusion



Comment: Qty.:



1.0000 Each(s)/Unit

Total: 120.0000 Each(s)



Extrusion

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Receive & Inspect For Transit Damage Ensure material certification is attached

4.0 QC6





Comment: DIMENSIONAL CHECK

Inspect dimension per Dwg D2622

Check Pull test per Dwg D2622 for compliance page attached

Check hardness with Webster tester



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES								
DATE	STEP	STEP PROCEDURE CHANGE		Date	e Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
						,				

Part No: D2622-120C PAR #: NA Fault Category: Prod (Proteging NCR: Ves No DQA: Date: C8 02/19

NCR:	3692	w (ORK OR	DER NON-CONFORMANCE	E (NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
ાર્ટા	盐	3\$ Stos DZ6ZZ-1200 found with Defeates, 1- look 1/1e it has his hely	Jos1042	Parts are acceptable on & Surface and & SCRAG age	MA	Jow. 52.14	Postour	00/2/4
	-	21-with longe best on Sider 1-with that has a twist in it.	Jusiur	Use ti shert steps	N/A J	De-0-14	Posiur	Salah

NOTE: Date & initial all entries

Wednesday, 1/23/2008 11:37:07 AM Date: . User: 7 Kim Johnston, **Process Sheet** Drawing Name: STEP EXTRUSION Customer: CU-DAR001 Dart Helicopters Services Job Number: 36923 Part Number: D2622120C Job Number: Description: Seq. #: Machine Or Operation: PACKAGING 1 PACKAGING RESOURCE #1 5.0 Comment: PACKAGING RESOURCE #1 08/08/14 Identify and Stock Location:_ 6.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

rospace	e Ltd							
		WC	ORK ORDER CHANG	ES				
STEP	PRO	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							,	
•	PAR #:	Fault Cate	gory:					
	\	WORK ORDI	ER NON-CONFORMA					
	Description of NC		Corrective Action Section	on B	Verific	ration	Approval	Approval
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	1		Chief Eng	QC Inspector
	,							
	STEP	:PAR #:	STEP PROCEDURE CHARGE PAR #: Fault Cate WORK ORDI STEP Description of NC Section A Initial	STEP PROCEDURE CHANGE PROCEDURE CHANGE :PAR #:Fault Category: WORK ORDER NON-CONFORMA STEP Description of NC Section A Corrective Action Section Initial Action Description	STEP PROCEDURE CHANGE By PAR #: Fault Category: NCR: Yes QA: N WORK ORDER NON-CONFORMANCE (NCR STEP Description of NC Section A Initial Action Description Sign &	WORK ORDER CHANGES STEP PROCEDURE CHANGE By Date :PAR #:Fault Category:NCR: Yes No DQ. QA: N/C Closed WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC Corrective Action Section B Section B Section A Section A Section B Section A Section B Sectio	WORK ORDER CHANGES STEP PROCEDURE CHANGE By Date Qty :PAR #:Fault Category:NCR: Yes No DQA: QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC	WORK ORDER CHANGES STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr : PAR #: Fault Category: NCR: Yes No DQA: Date: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC Section A Section B Section C Chief Eng (Nice and Note of the page of th

NOTE: Date & initial all entries



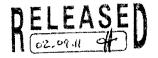


DESIG	KE	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHEC	KED_W_	APPROVED	DRAWING NO.	REV. C
	911	9	D2622 SHEET 1	OF 1
DATE			TITLE	SCALE
 02.0	09.11		STEP EXTRUSION	1:1
Α		96.11.29	NEW ISSUE	
В		97.12.12	CHANGE MATERIAL, ADD TOL. QSI	
С		02.09.11	0.080 WAS 0.085; ADD PART & DIE	No.

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE



	_ L
C1 # (P 02.10.04	ADD 'REV. A' TO DIE NUMBER.
3.000	
	R0.285
	0.080
	R2.085 0.248 (REF)
Q 1.193 — 1.874 (REF) —	R0.585
	3.000

D2622-XXX STEP EXTRUSION

- 1) PART NUMBER IS D2622-XXX WHERE 'XXX' IS CUT LENGTH IN INCHES (EG. D2622-120 IS 120" LONG)
- 2) MATERIAL 6061-T6 (QQ-A-200/8)
- 3) MANUFACTURED USING BON-L DIE # 897123 REV. A
- 4) A SAMPLE FROM EACH BATCH WILL BE PULL TESTED TO ASTM STANDARD B221 BY AN APPROVED TESTING FACILITY TO ENSURE THAT THE BATCH SHOP COPY MEETS THE MINIMUM MECHANICAL PROPERTIES STATED BELOW: RETURN TO ENGINEERING

MINIMUM TENSILE YIELD STRENGTH = 35 ksi MINIMUM ULTIMATE TENSILE STRENGTH = 38 ksi MINIMUM ELONGATION = 8%

- 5) PART IS SYMMETRIC ABOUT CENTERLINE
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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BON L CANADA INC

500 EDWARD AVENUE RICHMOND HILL, ON L4C 4Y9

CERTIFICATE OF COMPLIANCE

Cert Date	Cart No	Sales Order	Page
02/04/08	172753	21963	1
Court WC	RJI No.	105	Date
5521	00371407	21963010	2/04/08

Sold To 46024 Ship To

DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 DART AEROSPACE LTD. 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

hem No	Part No II	em Description		Cust Part	
1.000	DAA-897123-1	120" Mill 6061 T6		D2622	
Gross Weight	562 KG	S			
Net City	542 KG	130 PC	396 M	2 PKG	i
Specification	1		Die Desc		

STOR

AMS-QQ-A-200/8 & ASTM B221-06

Mecha Test No.	-	Tests: ensile \ / KS:			ield / KSI	,	%Elonga	tion	Cond	uctivi		nd/ ift HREW
_	306.2			271.1	/ 39.3	· · · ·		10.1	,		.0	93
Chemi SI	ical Ar FE	nalysi: CU	s: MN 	MG	CR	NI	ZN 	GA	٧	TI	ZR	OTHER

.61 .21 .21 .08 .82 .06 .000 .04 .000 .000 .02 .000 .00

This will certify that the material described herein has been inspected and tested in accordance with Bon L Canada's standard sampling and testing procedures or in accordance with the requirements of any specifications forming a part of the material description to the extent indicated herein. Data of chemical composition for the material and test results from samples representative of the material are set forth above hereof or in any attachments hereto. This information shows that the material meets the applicable requirements. Inspection and test records are maintained on file. This certificate shall be deemed apart of and subject to the terms and conditions of warranty set forth on the reverse side of our order acknowledgement form. No other warranties are applicable.

D. VanBakel, QA Manager Signed for Bon L Canada

BON L CANADA INC.

,ACCT# 00044024

INVOICING COMPANY AND LOCATION **BUREAU DE FACTURATION**

BON L CANADA INC EGG EDWARD AVENUE RICHMOND HIL ON

CN

LOC/USINE

140 AY9

BORDEREAU PEADEDERN

09-04-02

REFER TO THESE NUMBERS ON ALL CORRESPONDENCE. REFEREZ-VOUS À CES SALES ORDER NUMBER/N° DE COMM.

MANIFEST NUMBER/N° D'EXPÉDITION 431348

MANIFEST DATE/DATE D'EXPÉDITION

21942

NUMÉROS POUR TOUTE CORRESPONDANCE.

SALES REP/REP. DES VENTES CREDIT REP/REP, DU CRÉDIT HAMBROOK. PAU

905-509-9250 FIELD SALES REP/REP. RÉGIONAL DES VENTES CUST SERVICE REP/REP. SERVICE CLIENTÈLE SALESMAN/VENDEUR

40NE 613-632-5200

ET AEROSPACE LTD.

270 ABERDEEN ST.

:HIP TO/EXPÉDIÉ À

WKESBURY

.A 1K7

PHONE 618-638-5800

DART AERUSPACE LTD

R70 AERFDEST ST.

SOLD TO/VENDU À

HAWKESHUTA

16/A 11/7

BILL OF LADING NUMBER/N° DE CONNAISSEMENT

全全量条件

076

张荣张光率

TRAILER NO./N° DE REMORQUE

Kutter A 450-435-6551 Burton D 705-427-2227

/*3*5

ORDER DATE DATE DE LA COMMANDE :TOMER ID/N° DU CLIENT 46024 01/24/08|

5521

CUST, P.O. NO./N° DE COMM. DU CLIENT JOB/PROJET

00271407

FINISH DESCRIPTION ALLOY & TEMPER ALLIAGE & TREMPE MFG. PART NUMBER DESC. DE LA FINITION THIS SHIPMENT/CETTE EXPÉDITION **PREVIOUS** QUANTITY DUE QUANTITÉ PRÉVUE N° DE PIÈCE DU FOURNISSEUR FABRICATION DESCRIPTION TYPE DE FABRICATION SHIPPING TOLERANCE TOLERANCE D'EXPÉDITION UNIT EM LENGTH ORDER QUANTITY UNIT SHIPPED QTY. NO. PKGS. UNITÉ IO. TEM LONGUEUR GROSS WT. OTÉ COMMANDÉE QTÉ DÉJÀ CUSTOMER PART NUMBER UNITÉ N° DE PAQUETS CUTTING TOLERANCE TOLERANCE DE COUPE POIDS BRUT POIDS NET EXPÉDIÉE NUMÉRO DE PIÈCE DU CLIENT ()562 24.2 $\mathbb{K}\mathbb{G}$ MILL CD DAA-897122-: 6061 f_{A}^{A} Ö 396.24 DERTIFICATE OF COMP 1200 O D2622 0 130 (+015-015.0189-0108) 43/16 121 1... 251 40 PC 21943010 / 184344 261 DETAIL: LOT/TICKET 301 291 70 PC 21963010 / 184345

ORM NO. B1065 REV. D (O RETURN MATERIALS WILL BE ACCEPTED FOR CREDIT WITHOUT PERMISSION JUCUN RETOUR DE MATÉRIEL NE SERA ACCEPTÉ POUR CRÉDIT SANS AUTORISATION CUSTOMER CLIENT

The control of the co

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TOTAL/TOTAUX